



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

# Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Ag Dc	
PO039300	ACI001-VC	6	1	Net 30	MT-A513-T-1.125W0.188	A513 Seamless Alloy Steel Round Tubing 1.25""dia. x 0.188"" Wall				20	3/19/2018	21		S053688	Stock	3/22/2018	\$ 7.25 / ft		
		7			M6061T6TS1.000W.120 6063	6061T6 Sq Tube 1.00 X 1.00 X .120W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft				40		42		S053689	Stock	3/22/2018	\$ 1.69 / ft		
		8			M6061T6TS1.250W.120 6063	6061T6 Sq Tube 1.250 X 1.250 X .120W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft						42		S053690	Stock	3/22/2018	\$ 1.86 / ft		
Total:										100			105						

Plex 3/22/2018 7:49 AM Dart, Dubois, Pascal



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO039300**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO039300

**PO Date:** 3/13/18

**Due Date:** 3/19/18

**Purchase Order  
Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

*RE-PRINT*

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:** QUOTE NO. SOU0091255, SOU0089404,  
SOU0090963, SOU0089881, SOU0089730

## Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
2	M2024T3S.160		2024-T3 .160 Sheet : MATERIAL: 2024-T3 ALUMINUM SHEET AS PER QQ-A-250/4 OR AMS-QQ-A-250/4 OR AMS 4037 OR ASTM B209 receive sf	Firmed	3/19/18	48 sf	0 sf	48 sf	\$26.190833/sf	\$1,257.16
3	M6061T6S4.500X12.000		6061T6 sheet 4.500 X 12.000 (Cut to 20.000") : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	3/19/18	1.67 ft	0 ft	2 ft	\$331.76047/ft	\$554.04
<b>Line Item Note</b> 1 PCS CUT AT 20" LONG										
4	MT-4140-B-1.250X6.000		AISI 4140 Steel Bar : Material: AISI 4140 STEEL BAR AS PER ASTM A29, AMS 6349, AMS 6382, AMS 6529, MIL-S-5626 MIN. ROCKWELL C = 28 RC MAX. ROCKWELL C = 32 RC	Firmed	3/28/18	10 ft	0 ft	10 ft	\$68.905/ft	\$689.05

Items										
Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	MT-A513-T-1.125W0.188		A513 Seamless Alloy Steel Round Tubing 1.25"dia. x 0.188" Wall	Firmed	3/19/18	20 ft	0 ft	20 ft	\$7.25/ft	\$145.00
							21'		MAR 22 2018	
7	M6061T6TS1.000W.120		6061T6 Sq Tube 1.00 X 1.00 X .120W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Forecast	3/19/18	40 ft	0 ft	40 ft	\$1.69025/ft	\$67.61
							42'		MAR 22 2018	
8	M6061T6TS1.250W.120		6061T6 Sq Tube 1.250 X 1.250 X .120W : MATERIAL: 6061-T6 OR 6061-T651/T6510/T6511/T62 SQUARE TUBING AS PER AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR PER AMS-QQ-A-200/8 OR AMS 4160 receive ft	Forecast	3/19/18	40 ft	0 ft	40 ft	\$1.86125/ft	\$74.45
							42		MAR 22 2018	
9	MT-4140-S-1.000X10.000		AISI 4140 Steel Sheet/Plate AISI 4140/4142 STEEL SHEET OR PLATE AS PER ASTM A829/ AMS 6395	Firmed	3/28/18	6 ft	0 ft	6 ft	\$94.95333/ft	\$569.72
11	Mt-4140-S-1.500X3.000		4140 Steel Bar 1.500 X 3.000 : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 RC MAX: ROCKWELL C = 32 RC receive ft	Firmed	3/28/18	6 ft	0 ft	6 ft	\$87.50/ft	\$525.00
Grand Total:										\$3,882.03

## Order Notes

## Procurement Quality Clauses

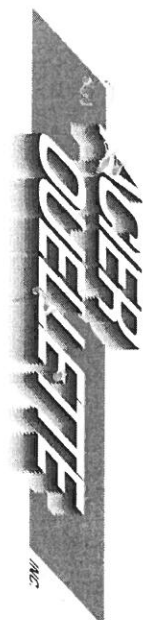
A005 right of entry  
 A012 chemical and physical test report  
 A016 personnel qualification  
 A017 raw material identification (as applicable)  
 A026 certification of material conformance  
 A041 quality management system  
 A042 dart notification by supplier  
 A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 3/22/18 7:20 AM dart.lavoie.chantal



## DELIVERY - CLIENT

Copy

CO00079395

### ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl.: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl.: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/03/20

Delivery date

2018/03/21

Your order N°

039300

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

### Shipped to

, Ontario,

### Billed to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 TUBE ALU 1 1/4 X 1 1/4 X .120 6063-T5 C * TAL-114114120C 6310	26.88	42.00	PL_\$CLB				42				
2 X 21' HEAT: 16060261A LINE 8											

Total Weight (Lbs) : 26.88

NIR : R-109516-6

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% relocking charge.

Prepared By :

Verified By :

Delivered By : Time

Total (\$CAD)

Customer's Signature

Date

50

88

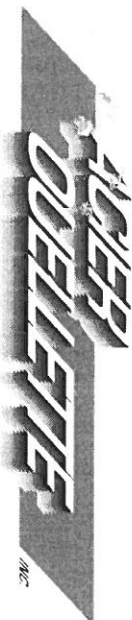
Y M D

DAS  
11  
9-89

42

MAR 22 2018





## DELIVERY - CLIENT

Copy

CO00079401

### ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CL10001056

Date

2018/03/20

Delivery date

2018/03/21

Your order N°

039300

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

### Shipped to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

### Billed to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Instruction F-M

Delivery Route 5

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 TUBE MEC 1.125 OD X .188 (R) TME-1125188 6523 1 X 20' R/L HEAT: C357969 LINE 6	37.62	20.00	PL \$CPI		1 X 21'7"		21'				DAS 11 9-89 MAR 22 2018

Total Weight (Lbs) : 37.62

NIR : R-109516-6

**Conditions :**  
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc" is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc" to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Verified By :

Delivered By :

Time

Customer's Signature

Date

Total (\$CAD)

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-A513-7'-1'-125W-0.188

PO / BATCH NO.: 039300/6053688

DATE: MAR 28 2018

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 21'  
 QUANTITY INSPECTED: 21'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: W.188  
 THICKNESS RECEIVED: W.188  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORROSION	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>Astm A513</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
PHOTO REQUIRED	Y <input type="radio"/> N <input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	<u>Heat # C357969</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N <input type="radio"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 11</u> DATE: <u>9-80 MAR 28 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW RELEASE	17.655	17.09.06	VM	VM
B	TYPE 5 ADDED, TEMPLATE UPDATED	17.790	17.12.13	VM	ML

## SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: ASTM A513 TYPE 5 (1020/1026) SEAMLESS ALLOY STEEL ROUND TUBING (DOM)

SPECIFICATION:

ASTM A513 TYPE 5

PART NUMBER:

MT-A513-T(D.DDD)WT.TTT

WHERE D.DDD IS OUTSIDE DIAMETER IN INCHES

WHERE T.TTT IS WALL THICKNESS IN INCHES

EG. 3/4" ROUND TUBING WITH .120" WALL THICKNESS = MT-A513-T-0.750W0.120

 Hamilton, Ontario, Canada		TITLE	
		ASTM A513 TYPE 5 (1020/1026) ALLOY STEEL ROUND TUBING (DOM)	
PART NO.		REV	
MT-A513-T		B	
TOOL NO.			
INITIALS AND DATE			
DESIGNED BY:	VM 17/12/13	TOLERANCES:	
DRAWN BY:	VM 12/13/2017	DIMENSIONS APPLY AFTER FINISHING	
CHECKED BY:	ML 12/20/2017	SURFACE FINISH:	
APPROVED BY:	DP 12/20/2017	SCALE: 1" = 1"	
APPROVED BY:		SHEET 1 OF 1	



# TPI Work Test Certificate



TUBE INVESTMENTS OF INDIA LIMITED  
TUBE PRODUCTS OF INDIA - MODULE - 1  
POST BOX NO.4 & 18, M T H ROAD, AVADI, CHENNAI - 600054



Order No. : BS8234 /16-JUN-17  
Description : PRECISION STEEL TUBES - CDW  
Specification : ASTM A513/A513M-15 T5 C1026  
Condition : SRA  
Bundle No's : 017011623,017011624,017011632,017011633

TC No : PAE/8C1770745  
Date : 19-JUL-17

Invoice No : 3002020000018  
Invoice Date : 17-JUL-17  
Job /Batch No : RBCH1707060

Cust Part No :  
Bundle : CUSTOMER SIZE /CONDITION /QUANTITY /GROSS WEIGHT /TAG MARKING / WO.NO. / SPEC &  
Tagging : GRADE /DESTINATION / BUNDLE NO /COUNTRY OF ORIGIN.  
Tube Marking : P.O.NO. /TPI-ED /SIZE /SPEC /CONDITION/ TAG MARKING/ HEAT NO. /MADE IN INDIA.  
P. Uom : Inches  
Size : 1.125" OD X 0.749" ID X 0.188" WT X 21'- 22' R/L

Quantity In : 4802.953 Ft

## LADLE ANALYSIS :

Process	Heat No.	%C	%Mn	%P	%S	%Si	%Al	%Cr	%Ni	%Cu	%Nio
Min		.22	.6								
Max		.28	.9	.035	.035						
Obs	C357969	.259	.73	.012	.004	.1	.038				

## Full Section Longitudinal Tensile Test at Room Temp

Test	Heat No	Y.S	T.S	Elng.
Min		448	517	10
Max				
		MPA	MPA	%
OBS	C357969	504.98	594.1	29

Rock well	Roughness
Hardness	OD ID
80	
HRB	
94	-

## Dimensions in : Inches

Spec	OD	ID	WT	Len
Min	1.125	.744		252.008
Max	1.13	.749		264.016
OBS-Min	1.127	.746	0	261.969
OBS-Max	1.129	.747	0	262.913

## Technological Tests :

Test	Spec	Result
Crushing		-
Flaring		-
Flattening		-
Flanging		-
Rev. Flang.,		-
Elng.Gaug.Len		

## Non-Destructive Tests :

Test	Spec	Result
Straightness	0.76/1000 MM MAX	0.30 / 1000
Eddy Current	100	100% TESTED OK
Visual		DEFECT FREE
Ultrasonic Test		-

This is to certify that the goods are supplied as per the purchase order and specification Requirements

Prepared by : N. Arumugam

Quality Shift Incharge Signature:

for Tube Investments of India  
Unit: Tube Products of India

S. Es 27  
Mathavan.M  
Mgr-Quality-IBP-TP

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061H6T51.000W.120

PO / BATCH NO.: Q39300/503689

DATE: MAR 28 2018

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 42'  
 QUANTITY INSPECTED: 42'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: W.120  
 THICKNESS RECEIVED: W.120  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	acceptable for use for blade fold only. (7)
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	Heat #5XB170087
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	




CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> DATE: <u>9-89 MAR 28 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



DESIGN 	DRAWN BY 	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED CP	APPROVED 	DRAWING NO. M6061T6TS	REV. A SHEET 1 OF 1
DATE 01.09.24		TITLE 6061-T6 SQUARE TUBING	SCALE MTS
A	01.09.24	NEW ISSUE	

PURCHASE MATERIAL:

6061-T6 (OR 6061-T651/T6510/T6511/T62) SQUARE TUBING  
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR  
PER AMS-QQ-A-200/8 (OR AMS 4160)

PART NUMBER:

M6061T6TS | A.AAA | W | .TTT |  
                    WIDTH      WALL  
WHERE A.AAA = WIDTH IN INCHES  
.TTT = WALL THICKNESS IN INCHES

EG. 0.75" x 0.75" x 0.062" WALL = M6061T6TS 0.750W.062

RELEASED  
01.09.25

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GLOBAL VIETNAM ALUMINIUM COMPANY LIMITED

Address: My Xuan B1-Conac industrial zone, My Xuan town, Tan Thanh district,  
Ba Ria-Vung Tau province, Viet Nam  
Tel: +84(0)643924954  
Fax: +84(0)643924953

## MILL TEST CERTIFICATE

Date: March 15, 2017

Consignee: SINOMETAL RESOURCES INC.  
4455 RUE COUSENS, SAINT-LAURENT, QC, H4S 1X5, CANADA.

PO number: 16-P-443A

Customer PO: Inventory

Shipping Ref No.: 17-0303

LC No: DC HMN710813

Date of issue: March 01, 2017

Item Code: 1004403

Die Number: D00532

Alloy & Temper: 6063-T5

Production Description: STANDARD ALUMINIUM EXTRUSION (Tube SQ CRN)  
Tube SQ CRN 1"x.12"x 21' 6063-T5 D00532

Length (inch): 252

Bundle number: 16-P-443A-010, 16-P-443A-011, 16-P-443A-018, 16-P-443A-017, 16-P-443A-016, 16-P-443A-015, 16-P-443A-014

Heat Number: SX13170087

Date: 2/11/2017

Applicable Specifications: ASTM B221 STANDARDS

### CHEMICAL ANALYSIS: %

Si	Mg	Fe	Cu	Mn	Cr	Zn	Ti	Al	Other		Remark:
									EACH	TOTAL	
0.424	0.586	0.143	0.030	0.016	0.016	0.015	0.016	98.662	<0.05	<0.10	2/9/2017

### MECHANICAL ANALYSIS:

Ult. Strength (ksi)	Yield Strength (ksi)	Elongation % LN 2"	Remark:
23.9	16.7	8.6	2/9/2017

All profiles, each profile with each MTC, showing material shipped match aluminium alloy as per standard, with chemical analysis and mechanical analysis to match aluminium alloy standard.

We hereby certify that the item listed have been checked and tested in accordance with the specifications noted and have been found to meet all the applicable requirements. Certifications are kept on file for 36 months from the date of purchase and are available for review upon request, referring to ASTM and the PO number.

Quality Manager



TRUNG TÂM KIỂM NGHIỆM CÔNG TY  
TNHH NHÔM TOÀN CẦU VIỆT NAM  
GLOBAL VIETNAM ALUMINIUM  
CO., LTD TESTING CENTER

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606146TS1.250W.120  
 DATE: MAR 28 2018

PO / BATCH NO.: Q39300/5053690

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 42'  
 QUANTITY INSPECTED: 42'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: W.120  
 THICKNESS RECEIVED: W.120  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	acceptable use for dent tooling only PD.
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	Heat # 16060261A
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u> DATE: <u>9-8 MAR 28 2018</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>CP</i>	APPROVED <i>[Signature]</i>	DRAWING NO. M6061T6TS	REV. <i>A</i> SHEET <i>1</i> OF <i>1</i>
DATE 01.09.24		TITLE 6061-T6 SQUARE TUBING	SCALE MTS
A	01.09.24	NEW ISSUE	

PURCHASE MATERIAL :

6061-T6 (OR 6061-T6S1/T6S10/T6S11/T6Z) SQUARE TUBING  
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR  
PER AMS-QQ-A-200/8 (OR AMS 4160)

PART NUMBER :

M6061T6TS | A.AAA | W | .TTT |  
| WIDTH | | WALL |

WHERE A.AAA = WIDTH IN INCHES  
.TTT = WALL THICKNESS IN INCHES

EG. 0.75" x 0.75" x 0.062" WALL = M6061T6TS 0.750W.062

RELEASED  
01.09.25 *[Signature]*

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#6310

TAL-1141141300-V

TAL-2193

49876

**MILL TEST**

SHIP TO ACIER QUELETTE		CERT CODE: 1	DIE NUMBER H	DATE OF SHIPMENT Jun/29/2016	ORDER NO. 194239	MANIFEST NO. 351967
SO DESCRIPTION 1.25" x 1.25" x 0.120" SQ TUBE		CUSTOMER PO 98772	ALLOY 6063	TEMPER T5	SALESMAN HOUSE ACCOUNTS	MADE IN CANADA
		CUSTOMER PART NUMBER H03325	PART DESCRIPTION 1.25" x 1.25" x 0.120" SQ TUBE		CERTIFICATION MILL TEST ASTM B221-14	

**Mechanical Properties**

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6063	Jun/23/2016	34.90	30.50	14.60	75.2, 75.6, 75.9	

**Chemical Composition**

Cast Number	Lot	Alloy	SI	Fe	Cu	Mn	Mg	Cr	Ni	Zn	II	Ga	V	B	Zr	Bi	Pb	Sa	Sc	Ca	Al	Other
16060261A	A.11	6063	0.44	0.21	0.01	0.035	0.51	0.01	0	0.004	0.01	0	0	0	0	0	0	0	0	0	0	0

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

EXPÉDIE LE 21 MARS 2018



David Natale  
Quality Control Manager